OWNER'S MANUAL

DIGITAL PIANO

GM-8825

PRECAUTIONS

PLEASE READ CAREFULLY BEFORE PROCEEDING

*Please keep these precautions in a safe place for future reference.

⚠ WARNING

Always follow the basic precaution listed below to avoid the possibility of serious injury or even death from electronic shock, short-circuiting, fire or other hazards. These precautions include, but are not limited to, the followings:

* Do not open the instrument or attempt to disassemble the internal parts or modify them in any way. The instrument contains no user-serviceable parts. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by qualified service personnel.

* Do not expose the instrument to rain, use near water or in damp or wet conditions, or place containers on it containing liquids that might spill into any opening.

* If the power cord or plug becomes frayed or damaged, or if there is a sudden loss of sound during use of the instrument, or if any unusual smells or smoke appear to be caused by it, immediately turn off the power, disconnect the power plug from the outlet, and have the instrument inspected by qualified service personnel.

* Do not use a voltage other than the indicated power supply voltage. Use of a voltage other than indicated may cause fire or electrical shock.

* Before cleaning the instrument, always remove the power plug from the outlet. Never insert or remove an power plug with wet hands.

* Check the power plug periodically and remove any dirt or dust, which may have accumulated on it.

⚠ CAUTION

Always follow the basic precaution listed below to avoid the possibility of physical injury or damage to the instrument or other property. These precautions include, but are not limited to, the followings:

* Do not place the power cord near heat sources such as heaters or radiators, and do not excessively bend or otherwise damage the cord, place heavy objects on it, or place it in a position where anyone could walk on, trip on, or roll anything over it.

* Do not connect the instrument to an electrical outlet using a multiple-connector. Doing so can result in lower sound quality, or possibly cause overheating in the outlet.

* Unplug the power cords when not using the instrument, or during electrical storms.

* When removing the power plug from the instrument or an outlet, always hold the plug itself but not the cord.

* Do not expose the instrument to excessive dust or vibrations, or extreme cold or heat, (such as direct sunlight, near a heater, or in a car during the day) to prevent the possibility of panel disfiguration or damage to the internal components.

* Before moving the instrument, remove all connected power cords and other cables.

* When cleaning the instrument, use a soft, dry cloth. Do not use paint thinners, solvents, cleaning fluids, or chemical-impregnated wiping cloths. Do not place vinyl, plastic or rubber objects on the instrument, since this might discolour the panel or keyboard.

* Before connecting the instrument to other electronic components, turn off the power for all components. Before turning the power on or off for all components, set all volume levels to minimum. Also, be sure to set the volume of all components at their minimum levels and gradually raise the volume controls while playing the instrument to set the desired listening level.

* Do not use the instrument near other electrical products such as televisions, radios, or speakers, since this might cause interference which can affect proper operation of other products.

* Do not place the instrument in an unstable position where it might accidentally fall over.

* Do not rest your weight on, or place heavy objects on the instrument, and do not use excessive force on the buttons, switches and connectors.

* Do not operate the instrument for a long period of time at a high or uncomfortable volume level, since this can cause permanent hearing loss. If you experience and hearing loss or ringing in the ears, consult a physician.

WE CANNOT BE HELD RESPONSIBLE FOR DAMAGE BY IMPROPER USE OR MODIFICATIONS TO THE INSTRUMENT, OR DATA THAT IS LOST OR DESTROYED.

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Congratulations!

You are the proud owner of a fine digital piano. This digital piano combines the most advanced tone generation technology with digital electronics and features to give you stunning sound quality with maximum musical enjoyment. New hammer keyboard gives you a real traditional acoustic piano feeling. In order to make the most of your piano's features and extensive performance potential, we urge you to read the manual thoroughly while trying out the various features described. Keep the manual in a safe place for the future reference.

SETTING UP

This section will help you set up the piano and prepare to play. Be sure to go through this section carefully before turning the power on.

POWER CONNECTIONS

Follow the instructions below according to the power source you intend to use.

1 Make sure that the [POWER] button is set to OFF.

2 Connect the power cords to the digital piano and plug it into an active outlet.

3 Minimize the volume of the digital piano.

4 Then turn POWER ON.
When turning the POWER OFF, simply reverse the procedure.

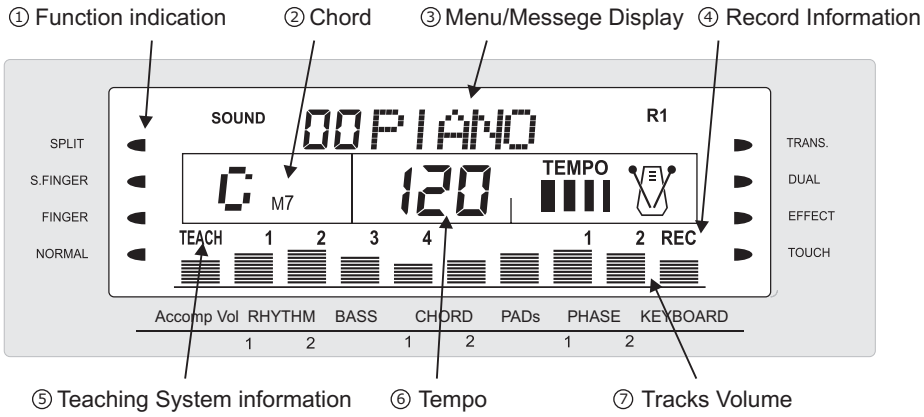
WARNING

- Do not use a voltage other than the indicated power supply voltage. Use of a voltage other than indicated may cause fire or electrical shock.
- Unplug the power cord when not using the instrument, or during electrical storms.

If you DID NOT read the precautions section, please go back and read carefully before processing!

DISPLAY INDICATIONS

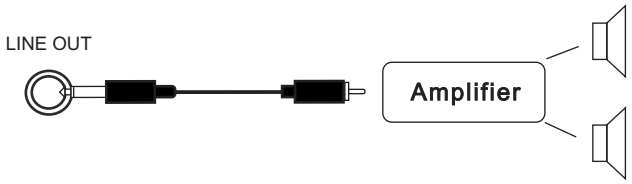
When the power is on, the LCD display on the centre of the digital piano will display as below. Different information about the digital piano will be displayed when you are playing or operating the piano.



AUDIO EQUIPMENT CONNECTIONS

LINE OUT JACKS

The Line out jacks deliver the output of the digital piano for connection to a piano amplifier, stereo sound system, a mixing console, or tape recorder.

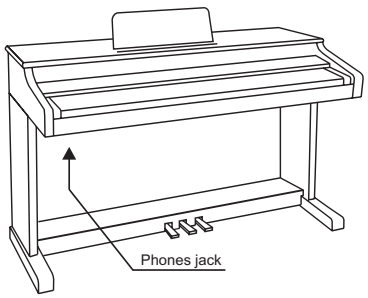


CAUTION

Connect the piano to external equipment only after turning off the power for all devices. To prevent damage to the speakers, set the volume of the external devices at the minimum setting before connecting them. Failure to do so may result in electric

PHONES JACK

A standard pair of stereo headphones can be plugged in here for private or late-night playing. The internal stereo speaker system will be automatically shut off when a head phone is plugged into the PHONES jack.
DO NOT listen with the headphone at high volume for long periods of time. Doing so may cause hearing loss.



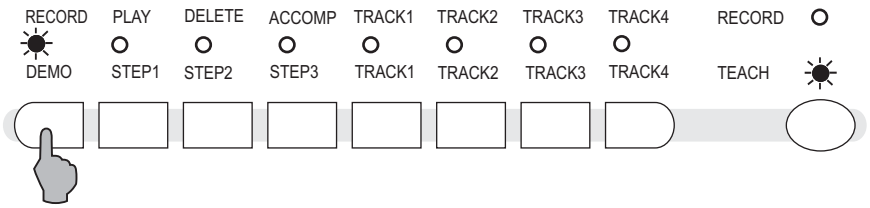
PLAYING DEMO SONGS

In this section, you will learn how to play the demo songs, the digital piano has a large database of demo songs. Once you have set up your digital piano, try listening the pre-programmed demonstration songs. The digital piano provides a totally 89 demo songs. You can also use the 3 step piano teaching system to learn these demo songs, for more information about piano teaching system, please turn to the "3 step piano teaching system" chapter.

Playing a demo song.

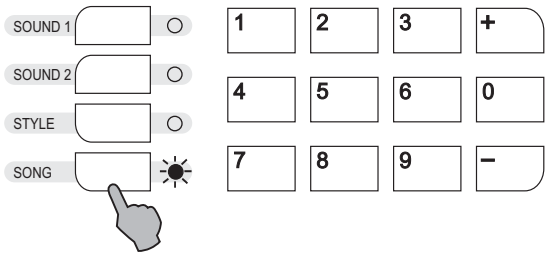
1 Press the power button to the "ON" position.

2 Press the [Demo/Record] button to play the main demo song.



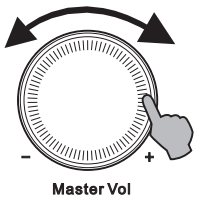
3 Start a demo song

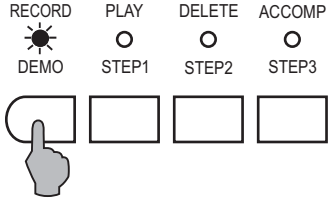
Press the [SONG] and use the [+] button, the [-] button or the number buttons to select a demo song. Or, press any key on the note keyboard and hold it till press the [Demo/Record] button to start a demo song. Each key on the note keyboard stands for one demo song.



4 Enjoy the demo song.

Use the Master volume dial to adjust the volume, simply press the [Demo/Record] button to stop the song.





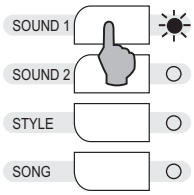
Playing Sounds

The digital piano provides lots of musical instruments. Try out the different voices referring to the sound list at the end of this manual.

Sound selection

1 Press the [SOUND 1] button.

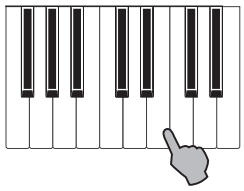
If you want to select the sound which from 100 to 127, press the [SOUND 1] button twice.



2 Select the sound.

Use the [+] button, the [-] button, the number buttons through [0] - [9] to select the sound, the result will be showed on the display.

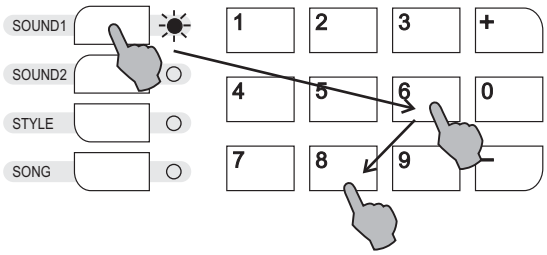
3 Play a note and adjust the volume.



Master Vol

Example-Select sound NO.68

1 Press the [SOUND 1] button.



2 Press the number button [6] and then [8], the desired voice has been reached. Or, use the [+] button, the [-] button to select the number 68.

3 Play the piano and adjust the volume.

DUAL (PLAYING TWO VOICES SIMULTANEOUSLY)

When dual is on, a note played on the keyboard will sound in two voices, voices can be selected by button [SOUND1] and button [SOUND2]. Sound 1 is the first voice of the layer and the second is called Sound 2.

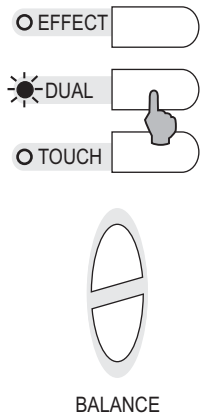
1 Press the [SOUND1] button to select the first voice.

2 Press the [DUAL] button.

3 Press the [SOUND2] button to select the second voice.

Use the [+] button, the [-] button or the number buttons [1] - [9] to select the SOUND 2.

The sounds available for selection here (Sound 2) are the same as those available for Sound 1.



4 Play the sound.

5 Use the Balance button to adjust the volume of the second voice.

SPLIT

When you choose the split function, the keyboard will be split into two parts: the right hand part and the left hand part.

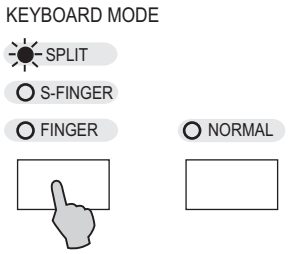
1 Select the sound for the left hand.

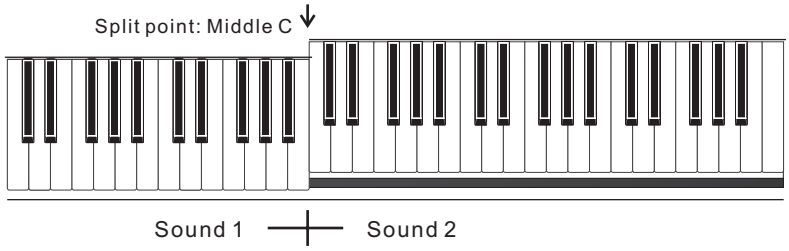
Press the [SOUND1] button and select the voice for the left hand.

2 Press the [KEYBOARD MODE] button.

To select the split function.

3 Select the sound for the right hand and play the notes.





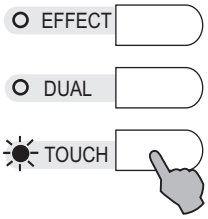
NOTE

When the keyboard is split into two parts, the Split Point is on the middle C. The left keyboard note pitch is one octave up; the right keyboard pitch is one octave down.

TOUCH SENSITIVE

The keyboard of the digital piano is equipped with a touch response feature that lets you dynamically and expressively control the level of the voices with your playing strength -- just as the real acoustic instrument.

However, some instruments don't have touch response, such as organs. You can turn off the touch sensitivefunction while you are playing an organ.



1 Press the [TOUCH] button.
The touch sensitive function will be off.

2 Play a note.

NOTE: The default setting of the touch sensitive is on when the piano turned on.

TRANSPOSE

The transpose function allows the overall pitch of the digital piano to be transposed up or down by a maximum of one octave in semitone increments. The transpose range is from -12 to +12.

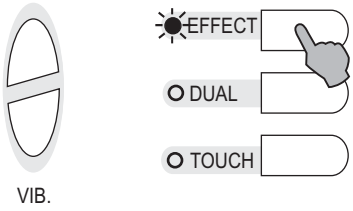
1 Press the [TRANSPOSE] buttons.
Press the upper button to set the transposition up and press the lower button to set the transposition down.

2 Play the notes.

NOTE: Press both buttons at the same time to cancel any transpose.

VIBRATION AND EFFECT

In most of the string instruments, vibration is one of the skills used often. You can use the vibration function to make your performance more emotional when you are playing a string instrument. The digital piano also equipped an effect function according to different instruments, using it can help you to create music with more varieties.



1 Press the [VIB.] buttons or press the [EFFECT] button.

2 Play a note.

PEDALS

There are three pedals under the piano.

1 Sostenuto Pedal(left): when this pedal is trod down,sounding notes before pedal-down will sustain after key release,those notes played after pedal-down will not sustain.

2 Soft Pedal(middle): when this pedal is trod down,the notes played will sound softly than normal.

3 SustainPedal(right): when this pedal is trod down,all notes played will sustain after key release.

Auto accompaniment

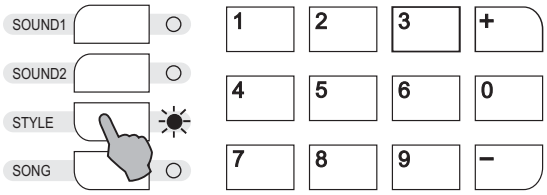
The auto accompaniment function puts a full backing band at your fingers. Using it, all you have to do is play the chords with your left hand as you perform, and the selected accompaniment style matching your music will automatically play along, instantly following the chords you play. With auto accompaniment, even a soloperformer can enjoy playing with the backing of an entire band or orchestra.

The digital piano features lots of styles or auto accompaniment patterns in a variety of different musical genres. Try selecting some of the different styles and play with the auto accompaniment.

Styles selection

1 Press the [STYLE] button.

2 Select the styles.
Use the [+] button, the [-] button or the number buttons [1]-[0] to select the styles.



Start Accompaniment

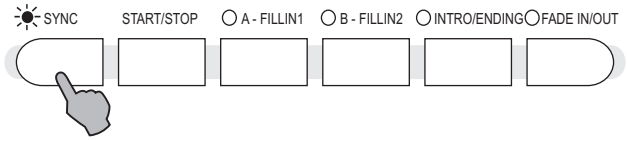
There are 4 different ways to start the accompaniments:

1 Press the [START/STOP] button to start accompaniment immediately.

2 Press the [Intro/Ending] button to start the accompaniment immediately from the Intro part, the electronic piano will play a prelude.

3 Press the [SYNC] button, then press any note of the 34 keys from the left. The accompaniment will begin with your performance.

4 Press the [SYNC] button, then press [Intro/Ending] button to set intro mode. Then press any note of the 34 keys from the left on the note keyboard. The accompaniment will begin from the Intro part with your performance.



VARIATION AND FILL-IN

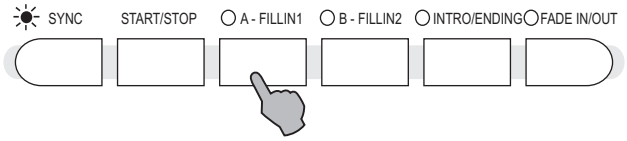
There are two main sections,main1 and main2. After power on, light of [A-FILLIN1] is on to indicate that main1 section is ready to be started. Press [B-FILLIN2] button, the light of [B-FILLIN2] is turned on to indicate that the ready section has been changed to main2.

The fill-in section let you add dynamic variations and breaks in the rhythm of the accompaniment, to make your performance sound even more professional.

Simply press the [A-FILLIN1], [B-FILLIN2] buttons as you play, and the selected fill-in section will play automatically, spicing up to the auto accompaniment.

When fill-in1 section is finished, it leads smoothly Into main1 section.

When fill-in2 section is finished, it leads smoothly Into main2 section.



There are various types of Auto Accompaniment sections that allow you vary the arrangement of the accompaniment to match the song you are playing. There are: Intro, Fill-in and Ending. By switching among them as you play, you can easily produce the dynamic elements of a professional-sounding arrangement in your performance.

STOP ACCOMPANIMENT

There are 2 different ways to stop the accompaniments:

1 Press the [START/STOP] button to stop the accompaniment.

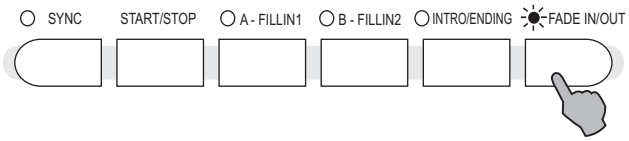
2 Press the [INTRO/ENDING] button.

This is used for the ending of the song. When the ending is finished, the auto accompaniment stops automatically. The length of the ending differs from different selected style.

FADE IN/OUT

[FADE IN/OUT] is used to stat/stop accompaniment gradually by volume. The on- light of [FADE IN/OUT]means fade in/out is active.

Set [FADE IN/OUT] on before playing accompaniment to gradually start accompaniment until normal volume.



AUTO ACCOMPANIMENT

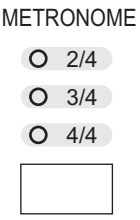
Set [FADE IN/OUT] on when playing accompaniment to gradually stop accompaniment until volume decreased to zero.

TEMPO SETTING

Each style of the digital piano has been programmed with a default or standard tempo, however, it can be changed by the [TEMPO+] and [TEMPO-] buttons. You can change the tempo to any value from 40 to 240 beats per minute.

AUTO METRONOME

Press [METRO] Button to set the metronome effect. Three types of metronome effects can be set automatically according to the present style, including 2/4, 3/4 and 4/4. You can also use the Tempo buttons to change the tempo of metronome. If accompaniment started, metronome will be invalid automatically.

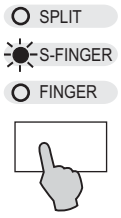


CHORD FINGERINGS

The way in which your left hand plays the chord is referred to as "fingering". There are two types of fingering:

- Single fingering
- Fingering

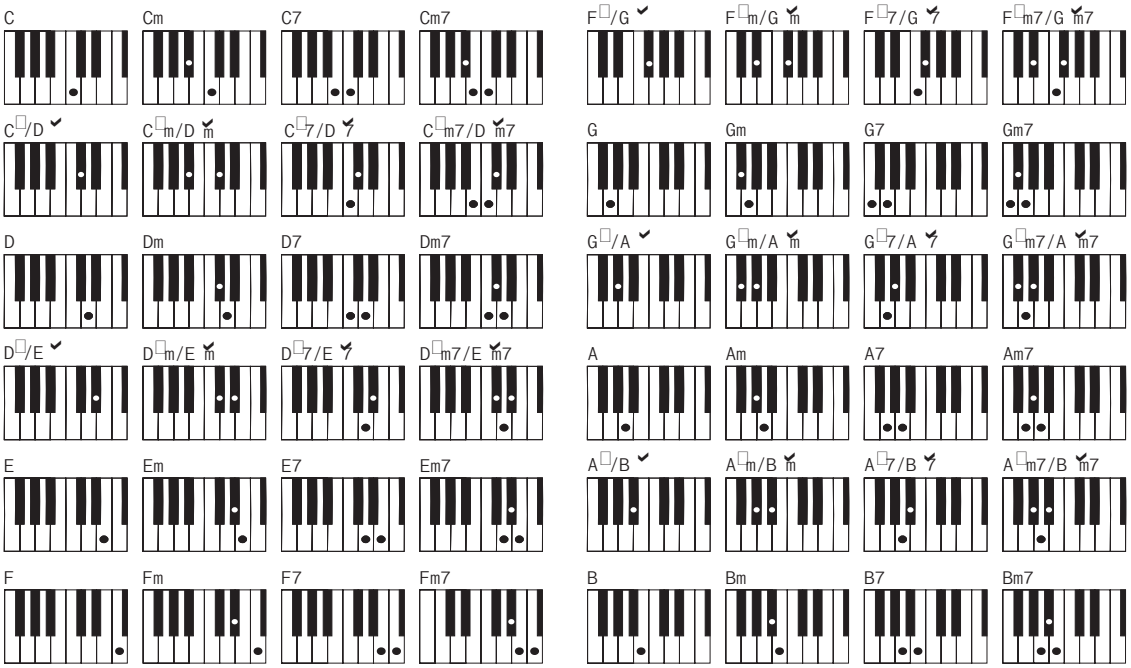
Press the [KEYBOARD MODE] buttons to select the fingering mode.



PLAY SINGER-FINGER CHORD

Using single-finger mode to play chord is simple to produce beautifully orchestrated accompaniment using major, minor and minor-seventh chords by pressing a minimum number of keys on the Auto Accompaniment section of the keyboard. The following abbreviated chord fingering are used:

SINGER FINGERING

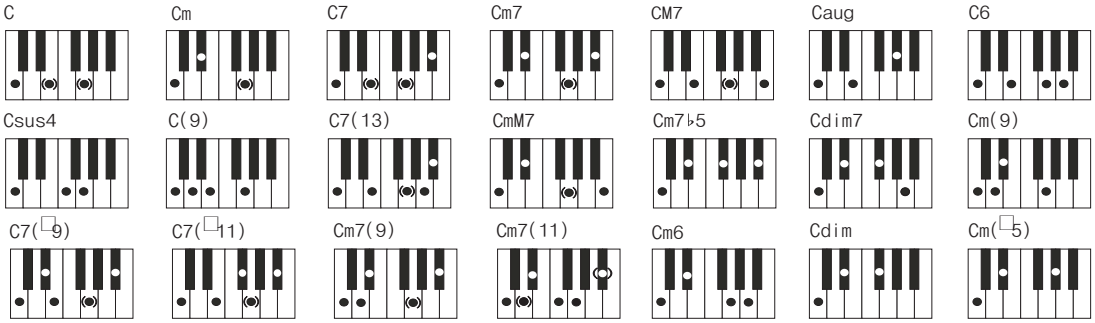


Major: Just press the basic key
Minor: Press the basic key and any black key on its left side.
Seventh: Press the basic key and any white on its left side.
Minor seventh: Press the basic key and one white key, and one black on its left side.

PLAYING FINGER CHORD

This is the default accompaniment mode. When use finger mode to play, the player presses auto chord keyboard according to the chord relation, the keyboard will accompany well.

THE TONE C FINGERING



The rest may be deduced by analogy

Status Register

Status Register

Since the digital piano is such a sophisticated instrument with such a variety of controls and functions -- voice, styles, auto accompaniment, and effect settings, just to name a few -- the Status Register function is one of the most convenient and powerful of the instrument. It allows you save virtually panel settings to a Register Memory setting, and then instantly recall your custom panel settings by pressing a single button.

Status Register provides up to 4 memory space, which allows you to recall them during your performance.

DATA stored by the Status Register

- SOUND 1
- SOUND 2
- STYLE
- TEMPO
- Accompaniment volume
- Accompaniment section A/B
- Touch Sensitive on/off
- Effect on/off

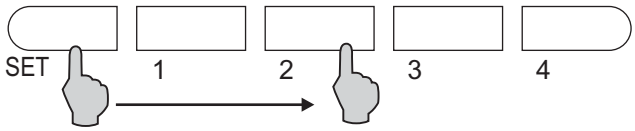
Registering the panel settings

1 Set up the panel controls as required.

2 While holding the [SET] button, press one of the Status Register button: [1] through [4].

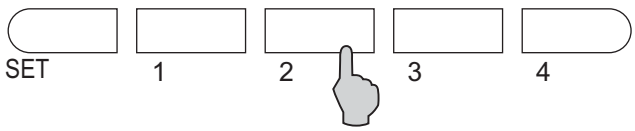
NOTE

● Any data that was previously recorded in the Status Register location you selected will be erased and replaced by the new settings.



Recall the Registered Panel Settings

Press the [SET] button and then press one of the Status Registration button: [1] to [4] to recall the settings.



Recording System

Recording System

With the powerful and easy-to-use Recording System, you can record your own keyboard performance and create your own complete, fully orchestrated compositions.

The digital piano provides four different ways to record:

- Accompaniment Recording

This records only the auto accompaniment.

- Melody Recording.

This records your keyboard performance without the auto accompaniment.

- Accompaniment and Melody Recording

This records your keyboard performance along with the auto accompaniment.

- Multi-Track Recording.

With this method, you can record up to 5 tracks independently.

Data that can be recorded to user song:

- Tempo
- Accompaniment style number
- Section changes and their timing
- Chord changes and their timing
- Accompaniment volume
- Note ON/OFF (key press and release)
- Touch Sensitive ON/OFF
- Sound change settings
- Effect setting

NOTES:

The following notes and cautions are important for you to keep in mind as you record:

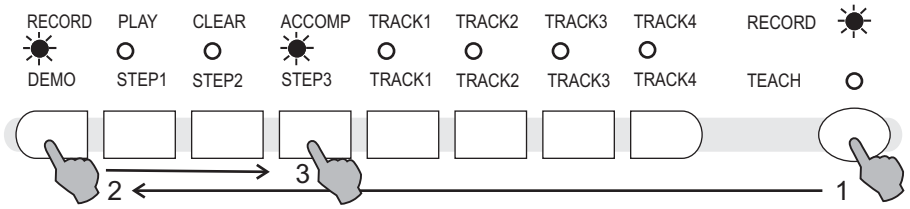
- Using Metronome function can make your recording sessions much more efficient.
- Using Status Registration can make your recording sessions much more efficient, since various settings (such as voices, styles, etc.) can be recalled by a single button press.
- Whenever you record, please notify that any previously recorded material in the same track will be erased.

ACCOMPANIMENT RECORDING

1 Select style and fingering mode.

2 Press the [RECORD/TEACH] button to open the record function.

3 While pressing the [RECORD] button press the [STEP3/ACMP] button



4 Start Recording

Record will start as soon as you start the auto accompaniment.

5 Change the accompaniment style when it is needed.

6 Press the [STEP3/AMCP] button again to stop recording.

MELODY RECORDING

1 Select sound.

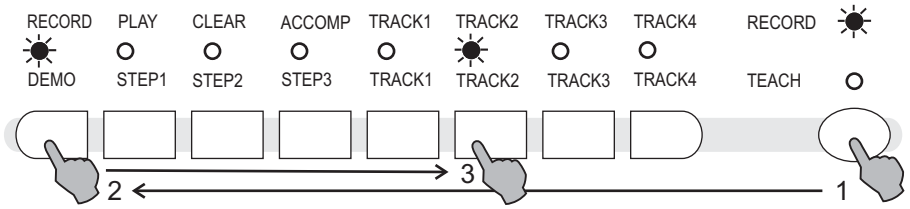
2 While pressing the [RECORD/DEMO] button, press one of the [TRACK] buttons.

The performance will be recorded in the track you selected.

3 Play any notes of the keyboard to start recording.

4 Change sound when it is needed.

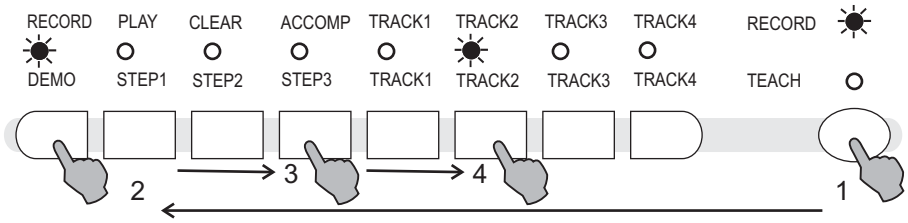
5 Press the selected track button to stop recording.



ACCOMPANIMENT AND MELODY RECORDING

1 Select style and sound.

2 While press the [RECORD] button, press the [ACMP] button and one then of the [Track1]-[Track4] buttons.



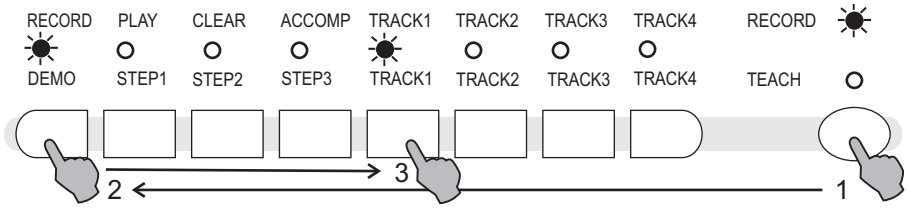
3 Press the [PLAY] button to start recording.
Or play any notes in the keyboard to start recording directly.

4 Press the [ACMP] button or one of the any other selected [TRACK] buttons to stop the recording

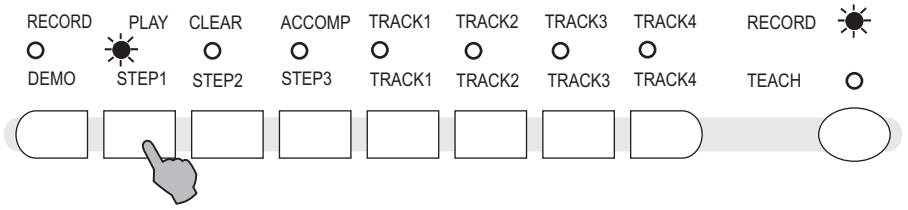
MULTI-TRACK RECORDING

1 Use the same operation as one of the recording methods explained above.

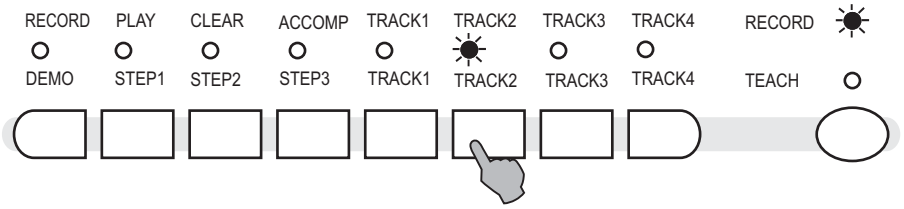
2 While pressing the [RECORD] button, press one of the track buttons you want record.



3 Press the [PLAY] button to start recording.
Or play any notes in the keyboard to start recording directly.



4 Press the [ACMP] button or one of the any other selected [TRACK] buttons to stop the recording.



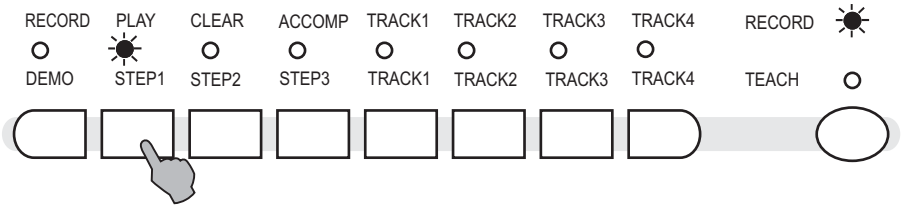
For instance, after you record your performance into TRACK 1, while holding the [RECORD] press the [TRACK 2] button to prepare record, press the [TRACK 1] button to play the track 1, meanwhile you can start your new record with track 2. Once you finish, press [TRACK 2] to stop, your performance recorded in track 2 has been mixed with track 1.

PLAY THE RECORDING SONGS

1 Press the [RECORD] button.

2 Press the track button: [TRACK 1] to [TRACK 4] button according to the tracks you want to play back.
Press the [ACMP] button if you want to play the auto accompaniment record.

3 Press the [PLAY] button.



DELETE TRACK

1 While pressing the [CLEAR] button, press the track button, which you want to delete.

2 Press the [ACMP] button while pressing the [CLEAR] button to delete the accompaniment record.

3 steps Piano Teaching System

The 3-step Piano Teaching System feature takes you through the three distinct steps described below to help you learn to play all of the demo songs in the digital piano. In this feature, you can learn to play the right or the left hand, even another accompaniment in the demo song as well..

Step 1 Master the timing

In this step, pressing any key on the keyboard will play the correct note of the selected song, so you can concentrate in getting the timing right without worrying about how to play the right note. The melody of the selected demo song will wait until you press a key before proceeding to the next phrase. The light will flash above the next key of the melody, so just simply follow the light you will play the correct key of the melody.

1 Press the [SONG] button and select a song to learn.

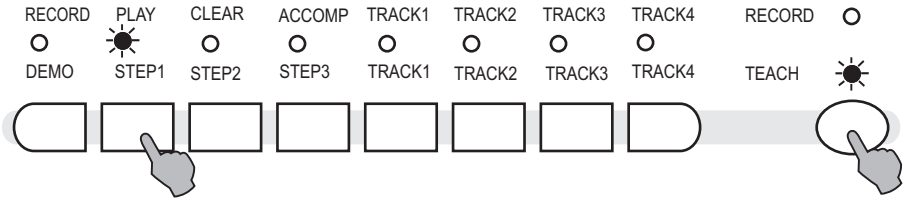
2 Press the [TEACH] button to open the teaching function.

3 Press the [STEP 1] button to start the first step.

4 Follow the lights and press the corresponding key to play.

NOTES:

- Accompaniment waits until you press any key to play the note.
- If you accidentally press more than one key in succession, accompaniment is played for the corresponding number of notes.
- Pressing more than one key at the same time counts as corresponding notes. Pressing a key while another key is held down is counted as a single note.



Step 2 Master the melody

In this step, you will learn the right key to play the melody. the melody still waits until you play the correct note, and so you can learn at your own pace. The accompaniment will not continue unless you play the correct key of the melody.

1. Select one demo song you want to learn.

.

2 Press the [TEACH] button to set the digital piano in a teaching mode.

3 Press the [STEP2] button to start the second step.

4 Follow the lights and press the corresponding key to play the melody.

STEP 3 PLAY YOUR SONG

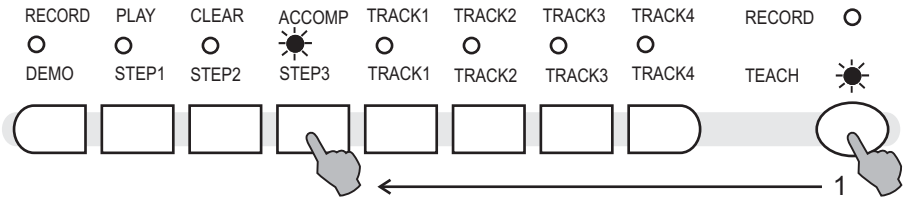
After following the step 1 and step 2, you can enjoy playing the melody at a normal speed in this step. The accompaniment will proceed at a normal speed regardless of whether you play the correct note or not.

1. Select the song you want to learn.

2 Press the [TEACH] button to set the digital piano in a teaching mode.

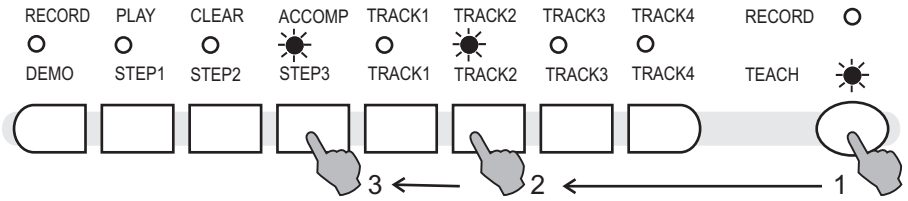
3 Press the [STEP 3] button to start the third step.

4 Follow the lights and play the corresponding note to play the song.



Learn to play with left hand

The left hand can also be performed in the 3 steps teaching system, just simply press [TRACK2] before you start the each step. If you want to learn the left hand by step 3, press [TRACK2] and then press [STEP3]



Learn to play the accompaniment

Some of the demo songs have accompaniment tracks, in those songs, you can learn to play the accompaniment by right hand or the left hand.
Press [TRACK3] if you want to learn the right hand of the accompaniment, and [TRACK4] for the left hand of the accompaniment.
If you want to learn the right hand of the accompaniment by step 3, press [TEACH], and then press [TRACK3], and Press [STEP3].

MIDI Function

In the lower panel of your digital piano, there are MIDI terminals (MIDI IN, MIDI OUT,). By using the MIDI functions you can expand your musical possibilities. This section explains what MIDI is, and what it can do, as well as how you can connect your digital piano to your personal computer.

What's MIDI?

In the now days world, there are two main categories of instruments: acoustic instrument and digital instrument. Let's consider an acoustic piano or a guitar as representative acoustic instrument. They are easy to understand. With the piano, every time you press a note, the hammer inside will hit some strings and play the sound. With the guitar, you directly pluck a string and the note will sound. But how does a digital instrument go about playing a note?

In the electronic instruments, the sampling note will be previously recorded and stored in the tone generator section. It will sound based on information received from the keyboard. So then what is the information from the keyboard that becomes the basis for note production? For example, if you play a "C" quarter note using the grand piano sound on the digital piano, the electronic instrument puts out information from the keyboard such as "with what sound", "with which key", "about how strong", "when was it pressed and released". The each piece of information is changed into a nmber value and sent to the time generator.

MIDI is an acronym that stands for Musical Instrument Digital Interface, which allows electronic musical instruments to communicate with each other, by sending and receiving compatible Note, Control Change, Program Change and various other types of MIDI data, or messages.

What you can do with MIDI

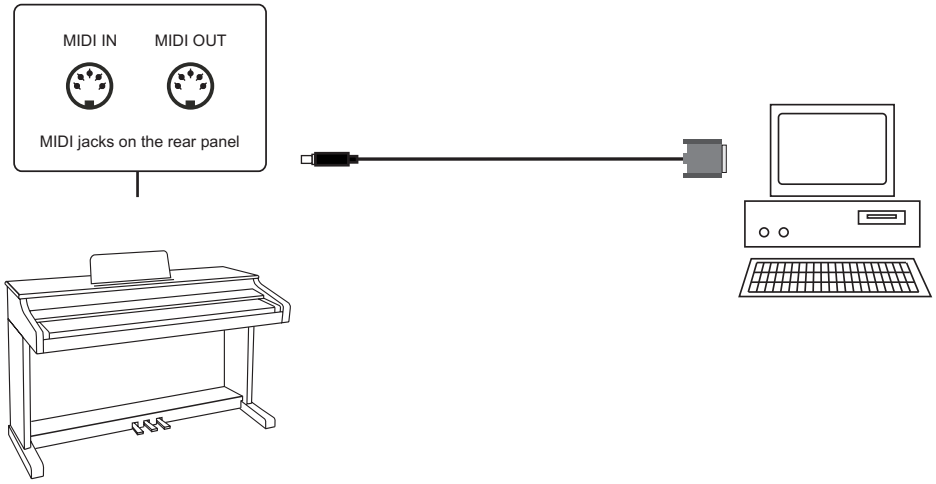
- Use the digital piano as a multi tone generator (playing 64 channels at one time).
- Use the digital piano as a MIDI keyboard to control other device through MIDI.
- Record performance data using the piano Auto Accompaniment function on a external sequencer (such as a personal computer). After recording, edit the data with the sequencer, then play it again on the digital piano.
- Connect the digital piano to personal computer and use the computer software to learn piano, Many softwares can help you to learn how to play piano more efficiency.

MIDI Function

Connecting to a Personal Computer

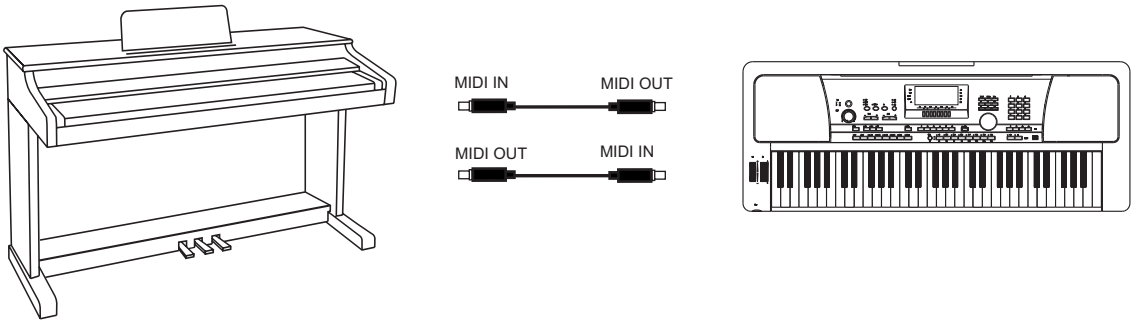
Connect the digital piano to a computer and take advantage of the wide range of powerful and versatile software for creating and editing music. Using a MIDI interface device installed in the personal computer, connect the MIDI terminals of the personal computer and the electric piano.

Connect the MIDI cable on the computer to the MIDI terminal on the digital piano.



Connecting to other MIDI device

Connect the digital piano to other MIDI devices to share and control each other through MIDI.



SPECIFICATION

Keyboard	88 piano -size keys with hammer action	
Touch Sensitive	Yes	
Polyphony	64	
Number of Voices	128	
Display	LCD	
Effects	Split	Yes
	Dual	Yes
	Reverb	Yes
	Chorus/Effect	Yes
Transpose	Yes	
Auto Accom.	Styles: 200	
	Variations: Intro, Main A/B, Fill-in 1/2	
	Control: Accompaniment ON/OFF, SYNC, START/STOP,	
	Intro/Ending	
	Main A/B	
	Fill-in x 2	
Chord Controller	Multi Finger	
	Single Finger	
Overall controllers	Piano Teach, Tempo, Transpose, Metronome,	
	Master Volume, Accompaniment Volume,	
	Touch Sensitive, Dual, Split,	
	Record, MIDI	
Drums	9 Drums Kits	
Teaching System	3 steps, 88 teaching songs	
Song Recording	5 tracks, up to 6000 notes	
Demo Songs	89 songs	
MIDI ports	MIDI in/out	
Auxiliary jacks	Double Earphones, Line out, Power, Pedal	
Foot pedals	Sustain pedal, Soft pedal	
Sound System	Amplifiers: 40W+40W	
	Speakers: 175mm+175mm	
Dimension	Depth x Width x height = 53cm x 138cm x 89cm	
Weight	63Kg	

* Specifications and descriptions in this owner manual are for information purpose only. We reserves the right To change or modify products or specification at any time without prior notice. Since specifications, Equipment or options may not be the same in every locale, please check with your digital piano dealer.

SOUND LIST

General MIDI 128 Instruments

No.	Sound Name	No.	Sound Name	No.	Sound Name
	PIANO	43	Contrabass	87	Bass Lead
00	Grand Piano	44	Tremolo String		**SYNTH PADS**
01	Bright Piano	45	Pizzicato String	88	New Age
02	Midi Grand Piano	46	Harp	89	Warm Pad
03	Honky-Tonk Piano	47	Timpani	90	Poly Synth
04	Digital Piano 1		**ENSEMBLE**	91	Choir Pad
05	Digital Piano 2	48	Strings 1	92	Bow Glass
06	Harpsichord	49	Strings 2	93	Metal Pad
07	Clavi	50	Str Syn 1	94	Halo Pad
	PERSUSSION	51	Str Syn 2	95	Sweep
08	Celesta	52	Choir Ahs		**EFFECTS**
09	Glockenspiel	53	Voice Ohs	96	Rain Fx
10	Music Box	54	Voice Syn	97	Sndtrk Fx
11	Vibraphone	55	Orch Hit	98	Crystal Fx
12	Marimba		**BRASS**	99	Atmosph Fx
13	Xylophone	56	Trumpet	100	Bright Fx
14	Tubular Bells	57	Trombone	101	Goblin Fx
15	Dulcimer	58	Tuba	102	Echo Fx
	ORGAN	59	Mute Trumpet	103	Sci-Fi Fx
16	Jazz Organ	60	French Horn		**ETHNIC**
17	Percussion Organ	61	Brass Section	104	Sitar
18	Rock Organ	62	Brass Syn 1	105	Banjo
19	Church Organ	63	Brass Syn 2	106	Shamisen
20	Reed Organ		**REED**	107	Koto
21	Accordion 1	64	Sax Soprano	108	Kalimba
22	Harmonica	65	Alto Sax	109	Bagpipe
23	Accordion 2	66	Tenor Sax	110	Fiddle
	GUITAR	67	Baritone Sax	111	Shanai
24	Nylon Guitar	68	Oboe		**PERCUSSIVE**
25	Steel Guitar	69	English Horn	112	Tinkle Bell
26	Jazz Guitar	70	Bassoon	113	Agogo
27	Clean Guitar	71	Clarinet	114	Steel Drm
28	Muted Guitar		**PIPES**	115	Woodblk
29	OvrdrivenGuitar	72	Piccolo	116	Taiko Drm
30	Distortion Guitar	73	Flute	117	Mldy Tom
31	Hrmnx Guitar	74	Recorder	118	Synth Drm
	BASS	75	Pan Flute	119	Revrs Cym
32	Acoustic Bass	76	Bottle Blown		**SOUNDS**
33	Finger Bass	77	Shakuhachi	120	Gtr Noise
34	Pick Bass	78	Whistle	121	Breath
35	Fretless Bass	79	Ocarina	122	Seashore
36	Slap Bas 1		**SYNTH LEAD**	123	Bird Tweet
37	Slap Bas 2	80	Square Wave	124	Telephone
38	Syn Bass 1	81	Sawtooth	125	Chopper
39	Syn Bass 2	82	Calliope	126	Applauce
	STRINGS	83	Chiff	127	Gunshot
40	Violin	84	Charang		
41	Viola	85	Voice Lead		
42	Cello	86	5th Lead		

STYLES LIST

200 popular styles

No.	Style Name	No.	Style Name	No.	Style Name	No.	Style Name
	8BEAT POP	50	Cha Cha Cha 1	100	Miami Pop	150	Boogie1
00	8Beat-Pop1	51	Cha Cha Cha 2	101	Electro Pop	151	Boogie2
01	8Beat-Pop2	52	Rhumba1	102	Hit-Hot-Pop1	152	Boogie3
02	8Beat-Pop3	53	Rhumba2	103	Hit-Hot-Pop2	153	Jazz-Rock
03	8Beat-Pop4	54	Pasodoble	104	Eurb	154	Jazz Ballad
04	8Beat-Pop5	55	Samba1	105	Casa	155	Jazz Samba
05	8Beat-Pop6	56	Samba2		**COUNTRY & WALTZ**	156	Jazz Trio
06	8Beat1	57	Samba3	106	Country 8Beat		**DANCEFLOOR**
07	8Beat2	58	Jive	107	Country Pop1	157	Trance1
08	8Beat3		**BLUES**	108	Country Pop2	158	Trance2
09	8Beat4	59	R&B1	109	Country Ballad	159	Clubdance
10	8Beat5	60	R&B2	110	Country Rock	160	Entrance
11	8Beat6	61	Blues1	111	Country Shuffle	161	Eurobeat
12	8Beat Heat	62	Blues2	112	Country Swing	162	Cool Dance
13	8Beat-Rock	63	Blues3	113	Hoedown	163	Funky Trip Hop
14	8Beat-Soft	64	Blues4	114	Two Step	164	Cool Night
	BALLAD	65	Soul Blues	115	Pop Waltz	165	House
15	Ballad	66	Blues Shuffle	116	Vienna Waltz	166	Modern
16	Big Ballad	67	Blues Rock1	117	Slow Waltz	167	Foxtrot1
17	Rock Ballad1	68	Blues Rock2	118	Orch Waltz	168	Foxtrot2
18	Rock Ballad2	69	Blues Ballad	119	Jazz Waltz1	169	Tip
19	Piano Ballad1	70	Funky Pop	120	Jazz Waltz2		**TRADITIONAL**
20	Piano Ballad2	71	Bluegrass	121	Waltz Ober Krainer	170	March1
21	16Beat Ballad1	72	Soul Shuffle1		**WORLD MUSIC**	171	March2
22	16Beat Ballad2	73	Soul Shuffle2	122	Polka Pop1	172	6/8March1
23	US.Ballad		**ROCK**	123	Polka Pop2	173	6/8March2
24	Guitar Ballad	74	Rock 1	124	Polka Pop3	174	U.S.March
25	Organ Ballad	75	Rock 2	125	Polk Ober Krainer	175	Military March
26	Epic Ballad1	76	Rock 3	126	German	176	Baroque
27	Epic Ballad2	77	Rock 4	127	Tarantella	177	Sevillianas
28	Slow Ballad	78	Rock 5	128	Pop Bossa1	178	Pop1
29	Pop Ballad1	79	Rock Pop1	129	Pop Bossa2	179	Pop2
30	Pop Ballad2	80	Rock Pop2	130	Pop Reggae1	180	Pop3
31	Pop Ballad3	81	Slow Rock1	131	Pop Reggae2	181	Pop4
32	R&B Ballad	82	Slow Rock2	132	Bossa Noval1		**PIANO**
	16BEAT POP	83	Rock Roll1	133	Bossa Noval2	182	Guitar Waltz
33	16Beat1	84	Rock Roll2	134	Beguine	183	Stride
34	16Beat2	85	Rock Shuffle	135	British Pop	184	Boogie4
35	16Beat3	86	Hard Rock	136	Twist1	185	Swing4
36	16Beat4	87	Rk Classic	137	Twist2	186	Pianoman
37	16Beat5	88	Folkrock	138	Analog Pop	187	8Beat7
38	16Beat6		**DISCO**		**SWING & JAZZ**	188	Ballad1
39	16Beat7	89	70'S Disco	139	Swing1	189	Ballad2
40	16Beat Pop1	90	90'S Disco	140	Swing2	190	6/8Ballad
41	16Beat Pop2	91	Disco Tropic	141	Swing3	191	Ragtime
42	16Beat Pop3	92	Disco Beat	142	Fusion Shuffle	192	March3
43	16Beat Pop4	93	Disco Soul1	143	Gypsy Swing	193	6/8March3
44	16Beat Funk	94	Disco Soul2	144	Dixieland1	194	Bossa N0Va
45	Soft Fusion	95	Disco Hands	145	Dixieland2	195	Beguine
46	80'S Fusion	96	Disco Queen	146	Big Band Boogie	196	Samba4
	BALLRoom	97	Disco Funk1	147	Big Band Ballad	197	Waltz
47~48	Tango	98	Disco Funk2	148	Big Band1	198	Slow Waltz1
49	Mambo	99	Disco Shuffle	149	Big Band2	199	Jazz Waltz2

PERCUSSIONS LIST

For MIDI user

	Prog 1 Standard set 1	Prog 2 Standard set 2	Prog 3 Standard set 3	Prog 8 Chinese set
27	Syn Sound	<	<	<
28	Slap	<	<	<
29	Scratch 1	<	<	<
30	Scratch 2	<	<	<
31	Sticks	<	<	<
32	Click	<	<	<
33	Metronome Click	<	<	<
34	Metronome Bell	<	<	<
35	Kick 2	<	Kick 70'TH 2	Kick 2
36	Kick 1	<	Kick 70'TH 1	Kick 1
37	Side Stick	<	<	<
38	Snare Drum 2	Snare Drum 4	70'TH Snare Drum 2	Snare Drum 2
39	Hand Clap	<	<	<
40	Snare Drum 1	Snare Drum 3	70'TH Snare Drum 1	Snare Drum 1
41	Low Tom 2	<	70'TH Low Tom 2	Chinese Low Tom 2
42	Closed Hi-Hat	<	<	<
43	Low Tom 1	<	70'TH Low Tom 1	Chinese Low Tom 1
44	Pedal Hi-Hat	<	<	<
45	Mid Tom 2	<	70'TH Mid Tom 2	Chinese Mid Tom 2
46	Open Hi-Hat	<	<	<
47	Mid Tom 1	<	70'TH Mid Tom 1	Chinese Mid Tom 1
48	High Tom 2	<	70'TH High Tom 2	Chinese High Tom 2
49	Crash Cymbal	<	<	<
50	High Tom 1	<	70'TH High Tom 1	Chinese High Tom 1
51	Ride Cymbal	<	<	<
52	Chinese Cymbal	<	<	Chinese Cymbal 1
53	Ride Bell	<	<	Chinese Cymbal 2
54	Tambourine	<	<	Chinese Cymbal 5
55	Splash Cymbal	<	<	Chinese Cymbal 3
56	Cowbell	<	<	Chinese Cymbal 1 Mute
57	Crash Cymbal	<	<	Chinese Gong
58	Vibra-Slap	<	<	Chinese Cymbal 4
59	Ride Cymbal	<	<	Chinese Cymbal 5 Mute
60	High bongo	<	<	<
61	Low bongo	<	<	<
62	Mute conga	<	<	<
63	High conga	<	<	<
64	Low conga	<	<	<
65	High Timbale	<	<	Chinese High Drum
66	Low Timbale	<	<	Chinese Low Drum
67	High Agogo	<	<	Chinese High Wood
68	Low Agogo	<	<	Chinese Low Wood
69	Cabasa	<	<	<
70	Maracas	<	<	<
71	Short Hi Whistle	<	<	<
72	Long low Whistle	<	<	<
73	Short Guiro	<	<	<
74	long Guiro	<	<	<
75	Claves	<	<	<
76	Hi Wood Block	<	<	<
77	Low Wood Block	<	<	<
78	Mute Cuica	<	<	<
79	Open Cuica	<	<	<
80	Mute Triangle	<	<	<
81	Open Triangle	<	<	<
82	Shaker	<	<	<
83	Jingle Bell	<	<	<
84	BellTree	<	<	<
85	Castanets	<	<	<
86	Mute Surdo	<	<	<
87	open Surdo	<	<	<

	Prog 9 Room set 1	Prog 10 Room set 2	Prog 11 Room set 3	Prog 17 Power set 1	Prog 18 Power set 2
27	<	<	<	<	<
28	<	<	<	<	<
29	<	<	<	<	<
30	<	<	<	<	<
31	<	<	<	<	<
32	<	<	<	<	<
33	<	<	<	<	<
34	<	<	<	<	<
35	<	<	Room Kick 2	Kick 2	Power Kick 1
36	<	<	Room Kick 1	Power Kick 1	Power Kick 2
37	<	<	<	<	<
38	Room Snare 2	<	Room Snare 4	Power Snare	Power Snare 2
39	<	<	<	<	<
40	Room Snare 1	<	Room Snare 3	Snare Drum 1	Power Snare 3
41	Power Low Tom 2	Room Low Tom 2	<	Power Low Tom 2	<
42	<	<	<	<	<
43	Power Low Tom 1	Room Low Tom 1	<	Power Low Tom 1	<
44	<	<	<	<	<
45	Power Mid Tom 2	Room Mid Tom 2	<	Power Mid Tom 2	<
46	<	<	<	<	<
47	Power Mid Tom 1	Room Mid Tom 1	<	Power Mid Tom 1	<
48	Power High Tom 2	Room High Tom 2	<	Power High Tom 2	<
49	<	<	<	<	<
50	Power High Tom 1	Room High Tom 1	<	Power High Tom 1	<
51	<	<	<	<	<
52	Chinese Cymbal	<	<	Chinese Cymbal	<
53	Ride Bell	<	<	<	<
54	Tambourine	<	<	<	<
55	Splash Cymbal	<	<	<	<
56	Cowbell	<	<	<	<
57	Crash Cymbal	<	<	<	<
58	Vibra-Slap	<	<	<	<
59	Ride Cymbal	<	<	<	<
60	<	<	<	<	<
61	<	<	<	<	<
62	<	<	<	<	<
63	<	<	<	<	<
64	<	<	<	<	<
65	High Timbale	<	<	<	<
66	Low Timbale	<	<	<	<
67	High Agogo	<	<	<	<
68	Low Agogo	<	<	<	<
69	<	<	<	<	<
70	<	<	<	<	<
71	<	<	<	<	<
72	<	<	<	<	<
73	<	<	<	<	<
74	<	<	<	<	<
75	<	<	<	<	<
76	<	<	<	<	<
77	<	<	<	<	<
78	<	<	<	<	<
79	<	<	<	<	<
80	<	<	<	<	<
81	<	<	<	<	<
82	Shaker	<	<	<	<
83	Jingle Bell	<	<	<	<
84	BellTree	<	<	<	<
85	Castanets	<	<	<	<
86	Mute Surdo	<	<	<	<
87	open Surdo	<	<	<	<

PERCUSSIONS LIST

	Prog 24 Electri set 1	Prog 25 Electri set 2	Prog 26 Synth set	Prog 27 Dance set
27	<	<	<	<
28	<	<	<	<
29	<	<	<	<
30	<	<	<	<
31	<	<	<	<
32	<	<	<	<
33	<	<	<	<
34	<	<	<	<
35	Electri Kick 2	<	Kick 2	Dance Kick 2
36	Electri Kick 1	<	Synth Kick	Dance Kick 1
37	<	<	Synth Side Stick	Side Stick
38	Electri Snare Drum 2	<	Synth Snare	<
39	<	<	<	<
40	Electri Snare Drum 1	Power Snare Drum 1	Snare Drum 1	Dance Snare 1
41	Electri Low Tom 2	<	Synth Low Tom 2	Low Tom 2
42	<	<	Synth Closed Hi-Hat	Closed Hi-Hat
43	Electri Low Tom 1	<	Synth Low Tom 1	Low Tom 1
44	<	<	Synth Pedal Hi-Hat	Pedal Hi-Hat
45	Electri Mid Tom 2	<	Synth Mid Tom 2	Mid Tom 2
46	<	<	Synth Open Hi-Hat	Open Hi-Hat
47	Electri Mid Tom 1	<	Synth Mid Tom 1	Mid Tom 1
48	Electri High Tom 2	<	Synth High Tom 2	High Tom 2
49	<	<	Synth Cymbal	Crash Cymbal
50	Electri High Tom 1	<	Synth High Tom 1	High Tom 1
51	<	<	<	<
52	<	<	<	<
53	<	<	<	<
54	<	<	<	<
55	<	<	<	<
56	<	<	Synth Cowbell	Cowbell
57	<	<	<	<
58	<	<	<	<
59	<	<	<	<
60	<	<	<	<
61	<	<	<	<
62	<	<	Synth Mute conga	Mute conga
63	<	<	Synth High conga	High conga
64	<	<	Synth Low conga	Low conga
65	<	<	<	<
66	<	<	<	<
67	<	<	<	<
68	<	<	<	<
69	<	<	<	<
70	<	<	Synth Maracas	Maracas
71	<	<	<	<
72	<	<	<	<
73	<	<	<	<
74	<	<	<	<
75	<	<	Synth Claves	Claves

	Prog 33 Jazz set	Prog 41 Brush set	Prog 49 Orchestra set	Prog 57 EFX set	Prog 128 Effect set
27	<	<	Close Hi Hat	<	<
28	<	<	Pedal Hi Hat	<	<
29	<	<	Open Hi Hat	<	<
30	<	<	Rid Cymbal	<	<
31	<	<	<	<	<
32	<	<	<	<	<
33	<	<	<	<	<
34	<	<	<	<	<
35	Jazz Kick	<	Kick 2	<	Kick 2
36	Kick 70'TH 2	Kick 70'TH 1	Concert BD1	<	Kick 1
37	<	<	<	<	Side Stick
38	Snare Drum 2	Brush Swish	Snare Drum 2	<	Snare Drum 2
39	<	Brush Slap	Castanets	Syn Sound	Hand Clap
40	Snare Drum 1	Brush Swirl	Snare Drum 2	Slap	Snare Drum 1

	Prog 33 Jazz set	Prog 41 Brush set	Prog 49 Orchestra set	Prog 57 EFX set	Prog 128 Effect set
41	<	Brush Low Tom 2	Timpani F	Scratch 1	Low Tom 2
42	<	<	Timpani F#	Scratch 2	Closed Hi-Hat
43	<	Brush Low Tom 1	Timpani G	Sticks	Low Tom 1
44	<	<	Timpani G#	Click	Pedal Hi-Hat
45	<	Brush Mid Tom 2	Timpani A	Metronome Click	Mid Tom 2
46	<	<	Timpani A#	Metronome Bell	Open Hi-Hat
47	<	Brush Mid Tom 1	Timpani B	Guitar Noise	Mid Tom 1
48	<	Brush High Tom 2	Timpani C	Guitar Cutting Up	High Tom 2
49	<	<	Timpani C#	Guitar Cutting Down	Crash Cymbal
50	<	Brush High Tom 1	Timpani D	String Slap	High Tom 1
51	<	<	Timpani D#	Key Click	Ride Cymbal
52	<	<	Timpani E	Laughing	<
53	<	<	Timpani F	Scream	<
54	<	<	<	Punch	Tambourine
55	<	<	<	Heart Beat	<
56	<	<	<	Foot Steps1	Cowbell
57	<	<	Orch Cymbal	Foot Steps2	<
58	<	<	<	Applause	<
59	<	<	Orch Cymbal	Door Creaking	<
60	<	<	<	Door	High bongo
61	<	<	<	Scratch	Low bongo
62	<	<	<	Wind Chimes	Mute conga
63	<	<	<	Car Engine	High conga
64	<	<	<	Car Stop	Low conga
65	<	<	<	Car Pass	High Timbale
66	<	<	<	Car Crash	Low Timbale
67	<	<	<	Siren	High Agogo
68	<	<	<	Train	Low Agogo
69	<	<	<	Jetplane	Cabasa
70	<	<	<	Helicopter	Maracas
71	<	<	<	Starship	Short Hi Whistle
72	<	<	<	Gun Shot	Long low Whistle
73	<	<	<	Machine Gun	Vibra-Slap
74	<	<	<	Lasergun	<
75	<	<	<	Explosion	Claves
76	<	<	<	Dog	Laughing
77	<	<	<	Horse Gallop	Scream
78	<	<	<	Birds	Punch
79	<	<	<	Rain	Heart Beat
80	<	<	<	Thunder	Foot Steps1
81	<	<	<	Wind	Foot Steps2
82	<	<	<	Seashore	Applause
83	<	<	<	Stream	Door Creaking
84	<	<	<	Bubble	Door
85	<	<	<	<	Scratch
86	<	<	<	<	Wind Chimes
87	<	<	<	<	Car Engine
88	<	<	Applause	<	Car Stop
89	<	<	<	<	Car Pass
90	<	<	<	<	Car Crash
91	<	<	<	<	Siren
92	<	<	<	<	Train
93	<	<	<	<	Jetplane
94	<	<	<	<	Helicopter
95	<	<	<	<	Starship
96	<	<	<	<	Gun Shot
97	<	<	<	<	Machine Gun
98	<	<	<	<	Lasergun
99	<	<	<	<	Explosion
100	<	<	<	<	Dog
101	<	<	<	<	Horse Gallop
102	<	<	<	<	Birds
103	<	<	<	<	Rain
104	<	<	<	<	Thunder
105	<	<	<	<	Wind
106	<	<	<	<	Seashore
107	<	<	<	<	Stream
108	<	<	<	<	Bubble

Important Message Section

SPECIAL MESSAGE SECTION:
●This product utilizes an external power supply (adapter). DO NOT connect the product to any power supply or adapter other than the one described in the manual, on the name plate, or specifically recommended.

● This product should be used only with the components supplied or: a cart, rack, or stand that is recommended by us. If a cart, etc, is used, please observe all safety markings and instructions that accompany the accessory product.

SPECIFICATIONS SUBJECT TO CHANGE:
●The information contained in this manual is believed to be correct at the time of printing. However, we reserve the right to change or modify any of the specifications without notice or obligation to update existing units.

IMPORTANT:
● The louder the sound, the shorter the time period before damage occurs.

●This product, either alone or combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. DO NOT operate for long periods of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist as soon as possible.

NOTICE :
● Service charges incurred due to a lack of knowledge relating to how a function or effect works (when the unit is operating as designed) are not covered by the manufacturer's warranty , and are therefore the owners responsibility.

● Please study this manual carefully and consult your dealer before requesting service.

ENVIRONMENTAL ISSUES:
● We strives to make the product that are both for user safe and environmentally friendly. We sincerely believe that our products and the production methods used to produce meet these goals. In keeping with both the letter and the spirit of the law, we want you to read the user's manual carefully.

Disposal Notice:
Should this product become damaged beyond repair, or for some reason its useful life is considered to be at the end, please observe all local, state, and federal regulations that relate to the disposal of products that contain lead, batteries, plastic, etc. If your dealer is unable to assist you, please contact with us directly.

NAME PLATE LOCATION:
The nameplate is located on the bottom of the product. The model number, serial number, power requirements, etc., are located on this plate. You should record the model number, serial number, and the date of purchase in the spaces provided below and retains this manual as a permanent record of your purchase.

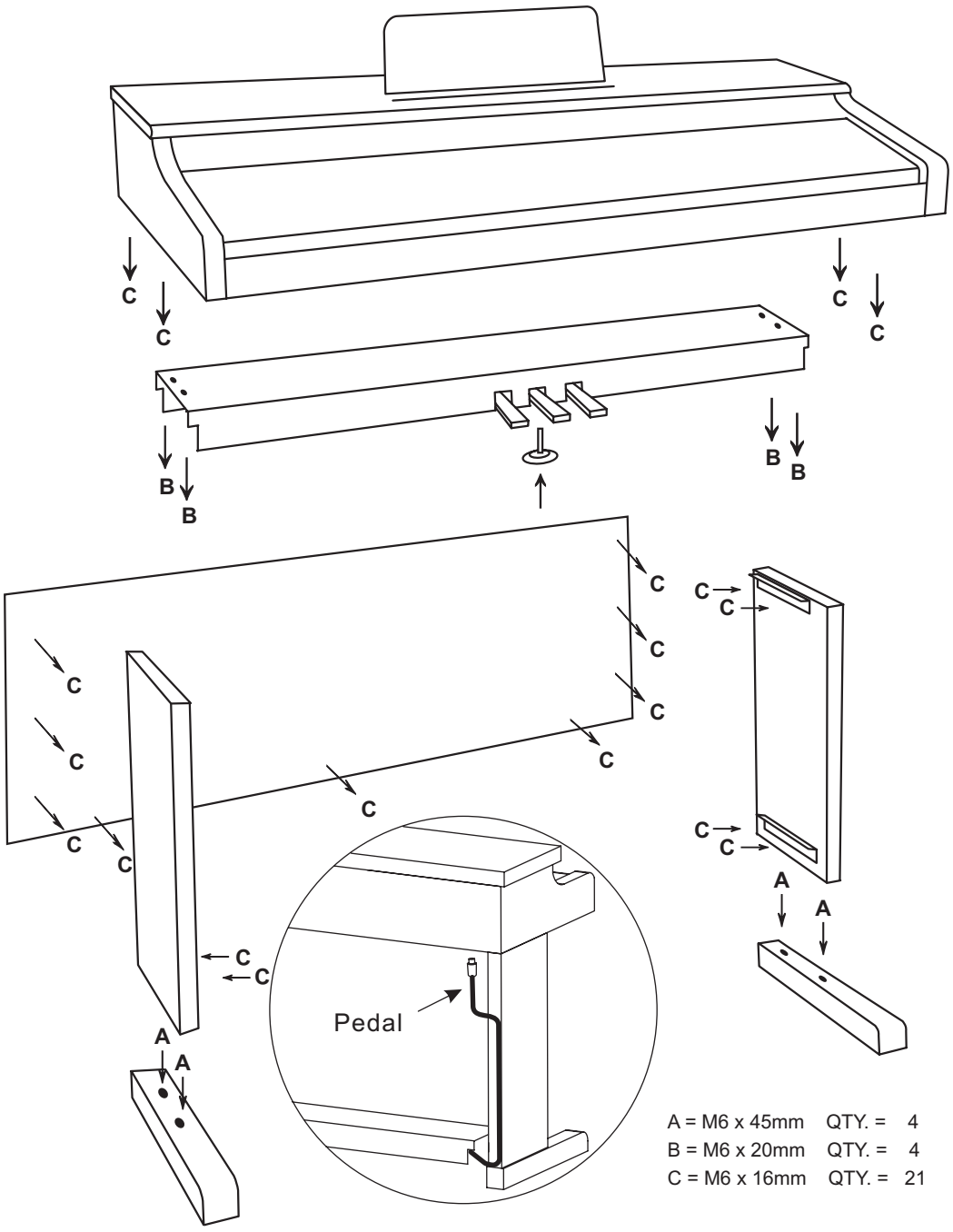
Model:_____

Serial No.:_____

Purchase Date:_____

Please keep this manual

Installation



A = M6 x 45mm QTY. = 4
B = M6 x 20mm QTY. = 4
C = M6 x 16mm QTY. = 21